



Local forecast by "City, St" or "ZIP"

City, St

Mesoscale Discussion 1088

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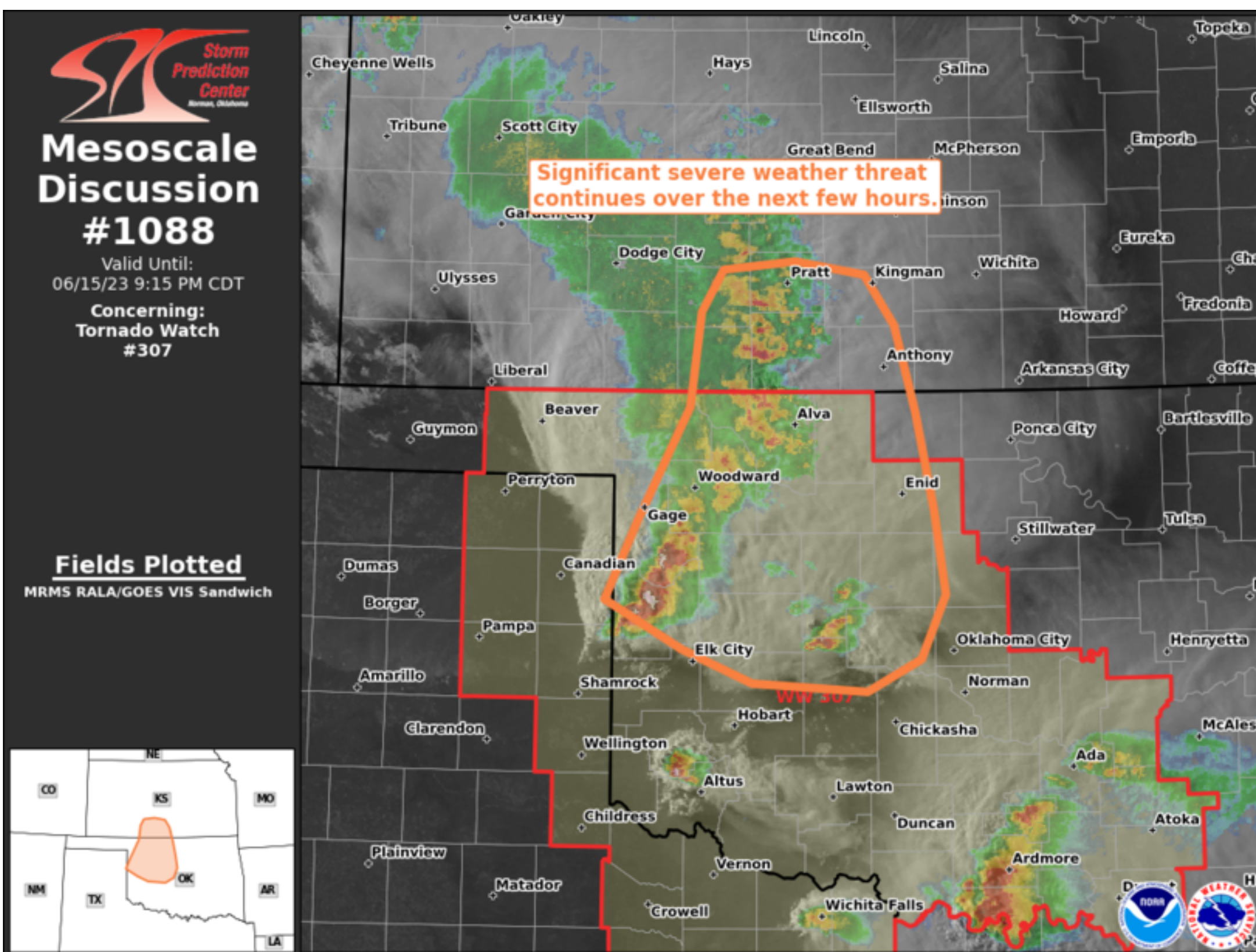
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Mesoscale Discussion 1088
 NWS Storm Prediction Center Norman OK
 0710 PM CDT Thu Jun 15 2023

Areas affected...south-central Kansas and northwestern Oklahoma

Concerning...Tornado Watch 307...

Valid 160010Z - 160215Z

The severe weather threat for Tornado Watch 307 continues.

SUMMARY...A significant severe weather threat, including all hazards (tornado, hail, and wind), will continue over the next few hours mainly across northwestern Oklahoma.

DISCUSSION...A severe MCS with a history of producing significant-severe wind gusts across southwestern Kansas is continuing to move eastward while semi-discrete supercells have formed at the southern end of the line producing tornadoes and large hail. The northern end of the MCS will encounter decreasing instability and increasing inhibition across south-central Kansas over the next couple of hours leading to eventual weakening of the northern end of the MCS. Meanwhile, larger instability and weaker inhibition into west-central Oklahoma will continue to promote supercell development at the southern end of the line with tornado and large-hail potential. The net effect should be more of a southeastward propagation of the MCS toward central Oklahoma with the most intense convection and supercellular characteristics at the southern end of the line over the next few hours.

..Jirak/Grams.. 06/16/2023

...Please see www.spc.noaa.gov for graphic product...

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